

AF/VA Data Mart

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Presentation Objectives



- **Data Mart Project Overview**
- **How the Data Mart works and what it contains**
 - **Currently**
 - **Plans for the Future**
- **Demonstration of Data Mart Tools**
 - **VA ProClarity Analysis Tool**
 - **Air Force ProClarity Analysis Tool**
 - **Air Force Push Reports**
- **Feedback/Discussion**





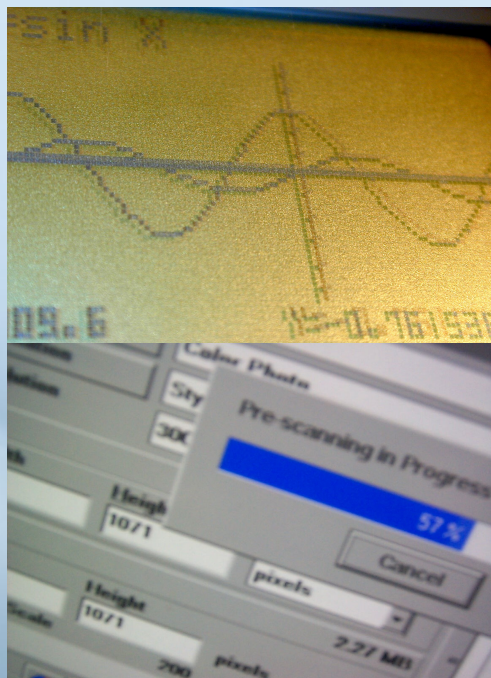
VA/DoD Data Mart Goals/Objectives

- Provide information and analytical support for VA/DoD healthcare planning and medical sharing activities.
- Pilot and test an approach to VA/DoD data integration that is comprehensive, flexible, cost effective, and consistent.
- Develop and deploy a standard data repository integrating both VA and AF data for use in healthcare planning, operations, and collaborative initiatives.
- Create processes and tools that make VA/AF combined data accessible to managers at the national and local levels across both healthcare systems.
- 19 Catchments where AF/VA in close proximity initial focus but all zip codes later added for additional ad-hoc analysis



How the Data Mart Works

- **VA server and data tables in Austin**
- **AF server and data tables in Falls Church**
- **Data Use Agreement**
- **Secure data transfer**
 - Secure FTP with Encryption
- **Each group (VA/AF) creates separate SQL Databases with combined data**
 - Normalization challenges/issues
- **Design & Produce of tools from Data Mart**





What the Data Mart Contains

- **Indirect (Purchased) Care Data Cube**
 - Updated quarterly with a one quarter lag
 - Treatment Date Based
 - Lag due to payment date based files
- **Direct (In-house) Inpatient Discharges Data Cube**
 - Updated quarterly with rolling 24 months
 - Discharge date based
- **Direct (In-house) Outpatient Encounters Data Cube**
 - Updated quarterly with rolling 24 months
 - Encounter date based
- **Staffing Levels by Specialty (Future)**
 - Will eventually be updated quarterly
 - Will be snapshot as of end of quarter

***All cubes currently PHI restricted. Additional security may be imposed!**





Indirect (Purchased) Care Data Cube

- **Dimensions**

- VA/DoD Flag
- Age
- Gender
- Cachement→Zip
- Payment Facility
- Beneficiary Cat/Priority
- CPT
- MDC/DRG
- ICD9
- Treatment Date
- Vendor
 - Manual work done to make common across VA/DoD
- Product Line
 - CPT/ICD9 Based on Non Inst.-Much work here
 - MDC Based for Institutional

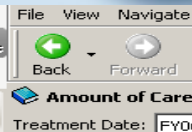
- **Measures**

- Amount Disbursed
- Authorized Days
- Line Items
- Visits
- Unique Patients





VA Purchased Care Screen Shots



FY06 Purchased Care by Product Line & VA/DoD Flag (Langley Cachment)

	All VA_DoD_Flag				DoD				VA			
	Unique Patient	Amount	Auth Days	Visits	Unique Patient	Amount	Auth Days	Visits	Unique Patient	Amount	Auth Days	Visits
IP-Other	133	\$949,619.02	1,614		133	\$949,619.02	1,614					
IP-Nervous System	73	\$578,988.69	426		29	\$161,262.58	106		44	\$417,726.11	320	
IP-Eye	3	\$7,663.49	30		3	\$7,663.49	30					
IP-Ear, Nose & Throat	10	\$33,314.92	34		7	\$17,338.24	22		3	\$15,976.68	12	
IP-Respiratory System	127	\$760,910.49	814		68	\$336,208.70	409		59	\$424,701.79	405	
IP-Circulatory System	228	\$1,929,293.32	1,171		114	\$572,802.12	435		114	\$1,356,491.20	736	
IP-Digestive System	89	\$375,312.23	389		59	\$185,018.92	238		30	\$190,293.31	151	
IP-Hepatobiliary System & Pancrea	32	\$130,395.64	191		19	\$59,569.38	115		13	\$70,826.26	76	
IP-Musculoskeletal System & Connective	75	\$354,810.11	360		55	\$208,826.19	213		20	\$145,983.92	147	
IP-Skin, Subcutaneous Tissue & Br	19	\$46,637.86	88		12	\$20,782.89	63		7	\$25,854.97	25	
IP-Endocrine, Nutritional & Metab	41	\$185,591.89	169		26	\$118,990.40	85		15	\$66,601.49	84	
IP-Kidney & Urinary Tract	47	\$206,578.04	208		28	\$85,709.49	112		19	\$120,868.55	96	
IP-Male Reproductive Tract	1	\$4,616.05	1		1	\$4,616.05	1					
IP-Female Reproductive System	12	\$37,769.88	26		12	\$37,769.88	26					
IP-Pregnancy, Childbirth & The Pu	181	\$400,633.26	580		160	\$347,231.27	513		21	\$53,401.99	67	
IP-Disorders Of Neonates Originati	105	\$1,039,694.13	771		105	\$1,039,694.13	771					
IP-Blood, Blood Forming Organs &	8	\$28,255.73	33		5	\$5,660.97	21		3	\$22,594.76	12	
IP-Myeloproliferative & Other Neo	13	\$909,823.28	415		11	\$721,942.57	332		2	\$187,880.71	83	
IP-Infectious & Parasitic Disease	30	\$168,948.69	170		18	\$62,238.16	91		12	\$106,710.53	79	
IP-Mental Diseases & Disorders	8	\$18,591.85	37		4	\$9,364.52	18		4	\$9,227.33	19	
IP-Substance Use & Substance Indu	11	\$29,480.45	33		1	\$1,278.56	2		10	\$28,201.89	31	
IP-Injury, Poisoning & Toxic Drug	23	\$68,139.87	80		13	\$31,172.59	49		10	\$36,967.28	31	
IP-Burns	2	\$11,240.96	19						2	\$11,240.96	19	
IP-Factors Influencing Health Sta	3	\$10,064.51	24		2	\$8,811.54	21		1	\$1,252.97	3	
IP-Multiple Significant Trauma	3	\$68,571.79	39		2	\$41,614.06	31		1	\$26,957.73	8	
IP-Human Immunodeficiency Virus Infections	1	\$5,226.43	8						1	\$5,226.43	8	
IP-PRE MDC Transplant	1	\$49,496.44	29		1	\$49,496.44	29					
Not Defined In Table												
OP-Allergy	520	\$190,395.48		2,573	462	\$154,547.67		2,208	58	\$35,847.81		365
OP-Cardiology	1,489	\$1,093,532.72		10,213	1,396	\$967,334.77		8,230	93	\$126,197.95		1,983
OP-Dermatology	1,545	\$388,960.07		3,828	1,504	\$334,974.92		2,992	41	\$53,985.15		836
OP-Ear,Nose,Throat	1,319	\$359,077.44		2,897	1,305	\$328,142.38		2,866	14	\$30,935.06		31
OP-Emergency Medicine	1,394	\$772,520.01		6,788	1,372	\$750,401.13		6,672	22	\$22,118.88		116
OP-Endocrinology	840	\$397,591.90		5,225	803	\$340,522.19		3,689	37	\$57,069.71		1,536
OP-Eye	4,524	\$604,470.94		6,562	4,470	\$546,284.44		6,395	54	\$58,186.50		167
OP-Gastroenterology	1,445	\$1,030,344.09		4,147	1,405	\$985,987.16		3,517	40	\$44,356.93		630
OP-General Medicine	1,201	\$460,554.34		4,095	1,165	\$364,398.33		3,008	36	\$96,156.01		1,087
OP-General Surgery	705	\$645,285.33		5,152	636	\$558,797.62		4,155	69	\$86,487.71		997
OP-Gynecology												
OP-Hematology/Oncology	904	\$852,262.72		3,865	824	\$737,382.72		3,100	80	\$114,880.00		765
OP-Infectious Disease	556	\$145,727.22		1,284	511	\$117,452.77		1,166	45	\$28,274.45		118
OP-Lab	4,781	\$662,242.31		387	4,390	\$438,900.83		2	391	\$223,341.48		385
OP-Neonatal	7	\$869.67		10	7	\$869.67		10				
OP-Neoplasms												
OP-Nephrology	192	\$588,217.46		3,868	160	\$199,793.57		2,712	32	\$388,423.89		1,156
OP-Neurology	2,783	\$3,097,453.10		37,515	2,476	\$2,366,252.78		28,481	307	\$731,200.32		9,034
OP-Ob/Gyn Undifferentiated	469	\$43,762.72		512	466	\$42,831.42		509	3	\$931.30		3
OP-Obstetrics	105	\$428,486.26		1,233	148	\$428,486.26		1,233	43	\$119,952.32		12



AF Purchased Care Screen Shots



DODVA - DATA MART DEMO

Dashboard

General ▶ Outpatient ▶ Inpatient ▶

Welcome Back

Top 25 Vendors

Reporting Period: Measures: MTF:

	DOD		VA		Grand Total
	MTF Enrollee	Other AF Enrollee			
Other Vendors	6,510,796 21.4%	2,020,346 6.6%	7,597,565 24.9%		16,128,707 52.9%
521362793 - UNIV OF MARYLAND MED SYS	739,010 2.4%	1,418 0.0%	4,782,370 15.7%		5,522,798 18.1%
530196580 - CHILDREN NATIONAL MEDICAL CENTER	987,456 3.2%	70,735 0.2%			1,058,192 3.3%
540620889 - INOVA FAIRFAX HOSP	635,747 2.1%	167,427 0.5%	210,507 0.7%		1,013,682 3.3%
521157796 - SOUTHERN MARYLAND HOSP	577,021 1.9%	50,126 0.2%	79,262 0.3%		706,409 2.3%
521920603 - HOME CARE PARTNERS INC			584,954 1.9%		584,954 1.9%
521272129 - WASHINGTON HOSP CTR	231,461 0.8%	28,303 0.1%	218,963 0.7%		478,727 1.6%
521590951 - MAXIM HLTHCARE SVCS INC			476,892 1.6%		476,892 1.6%
522218584 - GEORGETOWN MEDICAL CENTER LLC	376,907 1.2%	26,108 0.1%			403,015 1.3%
520591656 - JOHNS HOPKINS HOSPITAL	336,728 1.1%	43,504 0.1%	1,976 0.0%		382,208 1.3%
582035129 - CORAM HEALTHCARE CORP OF GREATER DC	277,683 0.9%	9,065 0.0%	44,138 0.1%		330,886 1.1%
521289729 - DEMENSIONS HEALTHCARE SYSTEM	280,155 0.9%	49,522 0.2%	643 0.0%		330,319 1.1%
521682544 - P B HEALTH HOME CARE AGENCY			319,664 1.0%		319,664 1.0%
200950599 - ALTERNATIVE HLTH CARE SVCS INC			290,268 1.0%		290,268 1.0%
520445374 - PHYSICIANS MEMORIAL HOSPITAL	250,164 0.8%	30,190 0.1%	9,169 0.0%		289,523 1.0%
521266476 - UMMS RADIATION ONCOLOGY ASSOCIATES	38 0.0%		286,972 0.9%		287,010 0.9%
203254587 - RADIUS SPECIALTY HOSPITAL			233,200 0.8%		233,200 0.8%
522332951 - SPECIAL HOME CARE SVCS INC			215,535 0.7%		215,535 0.7%
540505861 - INOVA ALEXANDRIA HOSPITAL	116,255 0.4%	79,196 0.3%			195,451 0.6%
521369749 - NATIONAL REHABILITAION HOSPITAL	155,862 0.5%	33,032 0.1%			188,894 0.6%
520619000 - CALVERT MEMORIAL HOSPITAL	176,059 0.6%	3,801 0.0%	5,656 0.0%		185,516 0.6%
542015008 - NGUYEN,DIEP,MD	170,691 0.6%	8,444 0.0%			179,135 0.6%
952977916 - GAMBRO HLTHCARE INC	35,957 0.1%		137,611 0.5%		173,567 0.6%
042697983 - MASSACHUSETTS GENERAL HSP			170,993 0.6%		170,993 0.6%
522362471 - COMPASSIONATE NSG & HLTH CARE			165,933 0.5%		165,933 0.5%
233010026 - MID ATLANTIC HEALTH	104,410 0.3%	54,205 0.2%			158,615 0.5%
Grand Total	11,962,401 39.3%	2,675,421 8.8%	15,832,269 52.0%		30,470,091 100.0%



Direct Care Inpatient Discharges

- **Dimensions**

- VA/DoD Flag
- Age
- Gender
- Cachement→Zip
- Treatment Facility
- Beneficiary Cat/Priority
- MDC/DRG
- Principal ICD9
- Discharge Date
- Product Line→Work Unit
 - Based on MEPRS code for AF
 - Based on Disch Bedsection for VA
 - Crosswalk to common Product Lines

- **Measures**

- Discharges
- Total Length of Stay (Days)
- Avg Length of Stay
- Unique Patients



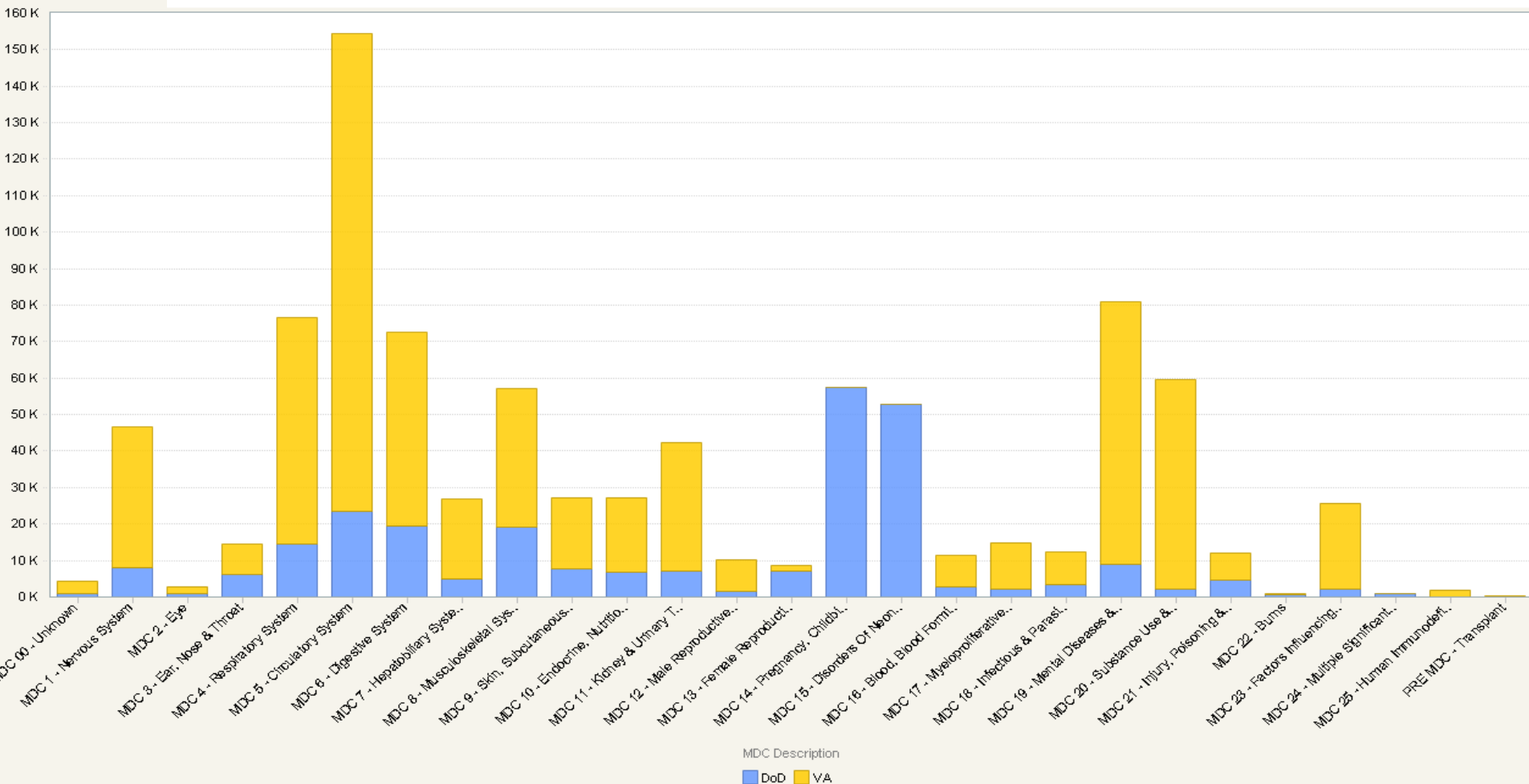


VA Direct Inpt Discharges

Discharges (VA_DoD_Flag)

Discharge Date: FY

FY06 Discharges by MDC with VA/DoD Flag (All Geography)



	MDC 00 - Unknown	MDC 1 - Nervous System	MDC 2 - Eye	MDC 3 - Ear, Nose & Throat	MDC 4 - Respiratory System	MDC 5 - Circulatory System	MDC 6 - Digestive System	MDC 7 - Hepatobiliary System & Pancrea
DoD	1,002	7,907	804	6,273	14,473	23,465	19,490	4,902
VA	3,439	38,701	1,941	8,225	62,033	131,081	53,209	22,117



AF Direct Care Inpt-Top 25 DRGs



DODVA - DATA MART DEMO

Dashboard

General ▶ Outpatient ▶ Inpatient ▶

Welcome Back

Inpatient - Top 25 DRGs

Reporting Period: Measures: MTF:

	↓DOD		VA	Grand Total
	MTF Enrollee	Other AF Enrollee		
Other DRGs	4,756,274 37.8%	20,313 0.2%	1,360,186 10.8%	6,136,773 48.8%
(558) Percutaneous Cardiovascular Proc W Drug-Eluting Stent W/O Maj CV DX	134,431 1.1%		610,383 4.8%	744,814 5.9%
(373) Vaginal Delivery W/O Complicating Diagnoses	610,672 4.9%	1,599 0.0%	7,055 0.1%	619,326 4.9%
(000) Unknown	477,150 3.8%	46,876 0.4%		524,026 4.2%
(557) Percutaneous Cardiovasc Proc W Drug-Eluting Stent W Major CV DX	174,929 1.4%		326,512 2.6%	501,441 4.0%
(607) NEONATE, BIRTHWT 1000-1499G, W/O SIGNIF OR PROC, DISCHARGED ALIV	393,368 3.1%			393,368 3.1%
(542) Trach W Mv 96+Hrs Or PDX Exc Face, Mouth, & Neck Dx W/O Mj OR	264,537 2.1%		118,507 0.9%	383,043 3.0%
(622) NEONATE, BIRTHWT >2499G, W SIGNIF OR PROC, W MULT MAJOR PROB	309,677 2.5%			309,677 2.5%
(371) Cesarean Section W/O CC	269,241 2.1%		8,218 0.1%	277,459 2.2%
(417) Septicemia Age 0-17	203,707 1.6%			203,707 1.6%
(105) Cardiac Valve & Oth Maj Cardiothoracic Proc W/O Card Cath	121,631 1.0%		81,538 0.6%	203,170 1.6%
(359) Uterine & Adnexa Proc For Non-Malignancy W/O CC	201,863 1.6%			201,863 1.6%
(370) Cesarean Section W CC	166,841 1.3%		11,721 0.1%	178,563 1.4%
(498) Spinal Fusion W/O CC	167,532 1.3%			167,532 1.3%
(550) Percutaneous Cardiovascular Proc W Drug Eluting Stent W AMI W/O CC	100,147 0.8%		66,710 0.5%	166,857 1.3%
(604) NEONATE, BIRTHWT 750-999G, DISCHARGED ALIVE	159,804 1.3%			159,804 1.3%
(144) Other Circulatory System Diagnoses W CC	47,430 0.4%		106,456 0.8%	153,885 1.2%
(515) Cardiac Defibrillator Implant W/O Cardiac Cath	66,621 0.5%		86,356 0.7%	152,977 1.2%
(544) Major Joint Replacement or Reattachment of Lower Extremity	149,165 1.2%			149,165 1.2%
(480) Liver Transplant	145,971 1.2%			145,971 1.2%
(528) Intracranial Vascular Proc W PDX Hemorrhage	36,402 0.3%		109,331 0.9%	145,733 1.2%
(288) O.R. Procedures For Obesity	143,091 1.1%			143,091 1.1%
(075) Major Chest Procedures	133,036 1.1%			133,036 1.1%
(475) Respiratory System Diagnosis With Ventilator Support	88,300 0.7%		43,722 0.3%	132,022 1.0%
(548) Percutaneous Cardiovascular Proc W AMI W/O CC	51,703 0.4%		79,676 0.6%	131,379 1.0%
(089) Simple Pneumonia & Pleurisy Age>17 W CC	56,715 0.5%		71,339 0.6%	128,054 1.0%
Grand Total	9,430,237 74.9%	68,788 0.5%	3,087,710 24.5%	12,586,734 100.0%



AF Direct Inpatient Product Lines



DODVA - DATA MART DEMO

Dashboard

General ▶ Outpatient ▶ Inpatient ▶

Welcome Back

Inpatient Expenditures - Grid

Reporting Period: Measures: MTF:

	MTF Enrollee	Other AF Enrollee	VA	Grand Total
↓ Blood, Blood Forming Organs &	109,412 0.7%		24,653 0.1%	134,065 0.8%
↓ Burns			5,840 0.0%	5,840 0.0%
↓ Circulatory System	1,227,273 7.4%	912 0.0%	2,443,313 14.8%	3,671,498 22.2%
↓ Digestive System	441,827 2.7%		288,112 1.7%	729,939 4.4%
↓ Disorders Of Neonates Originati	773,094 4.7%			773,094 4.7%
↓ Ear, Nose & Throat	11,309 0.1%		15,364 0.1%	26,673 0.2%
↓ Endocrine, Nutritional & Metab	168,135 1.0%		63,900 0.4%	232,035 1.4%
↓ Eye	3,109 0.0%		4,989 0.0%	8,098 0.0%
↓ Factors Influencing Health Sta	10,731 0.1%		17,364 0.1%	28,095 0.2%
↓ Female Reproductive System	156,095 0.9%			156,095 0.9%
↓ Hepatobiliary System & Pancrea	483,719 2.9%		174,264 1.1%	657,984 4.0%
↓ Human Immunodeficiency Virus Infections				
↓ Infectious & Parasitic Disease	249,874 1.5%		181,456 1.1%	431,330 2.6%
↓ Injury, Poisoning & Toxic Drug	109,808 0.7%		38,271 0.2%	148,079 0.9%
↓ Kidney & Urinary Tract	146,522 0.9%	2,244 0.0%	192,153 1.2%	340,919 2.1%
↓ Male Reproductive Tract	14,942 0.1%			14,942 0.1%
↓ Mental Diseases & Disorders	3,329 0.0%		26,027 0.2%	29,356 0.2%
↓ Multiple Significant Trauma	127,245 0.8%			127,245 0.8%
↓ Musculoskeletal System & Conne	1,766,437 10.7%		914,018 5.5%	2,680,455 16.2%
↓ Myeloproliferative & Other Neo	250,146 1.5%		360,798 2.2%	610,944 3.7%
↓ Nervous System	707,066 4.3%	952 0.0%	261,478 1.6%	969,496 5.9%
↓ Other	1,951,782 11.8%	68,152 0.4%	406,700 2.5%	2,426,635 14.7%
↓ PRE MDC Transplant				
↓ Pregnancy, Childbirth & The Pu	257,817 1.6%	8,861 0.1%	29,696 0.2%	296,373 1.8%
↓ Respiratory System	998,842 6.1%	5,058 0.0%	909,566 5.5%	1,913,467 11.6%
↓ Skin, Subcutaneous Tissue & Br	33,599 0.2%		52,888 0.3%	86,487 0.5%
↓ Substance Use & Substance Indu	2,529 0.0%		2,450 0.0%	4,979 0.0%
Grand Total	10,004,641 60.6%	86,180 0.5%	6,413,301 38.9%	16,504,122 100.0%



Direct Outpatient Encounters Cube

- **Dimensions**

- VA/DoD Flag
- Age
- Gender
- Cachment→Zip
- Treatment Facility
- Beneficiary Cat/Priority
- Principal ICD9
- Encounter Date
- Product Line→Clinical Svc Line
 - Based on MEPRS code for AF
 - Based on Stop Code for VA
 - Crosswalk to common Product Lines and Clinical Service Lines

- **Measures**

- Encounters
- Unique Patients





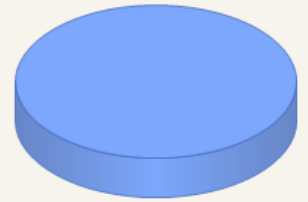
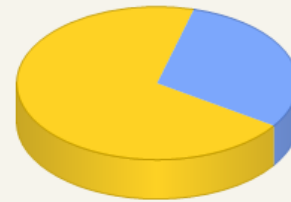
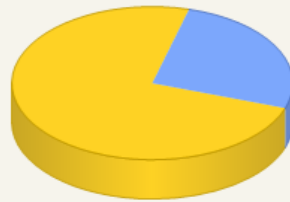
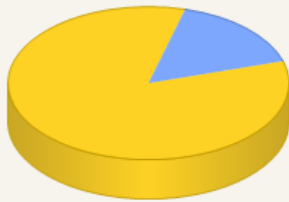
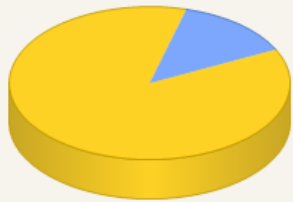
VA Direct Outpt Encounters

Encounters (VA_DoD_Flag by Pro

Patient Geography: Andrews

Administration

Encounters by Product Line VA/DoD Flag (Andrews Cachment)



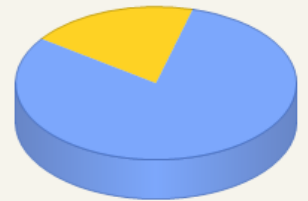
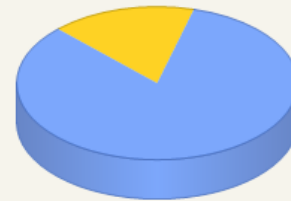
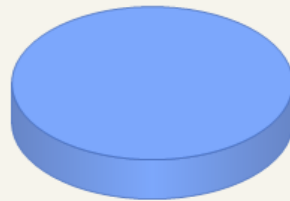
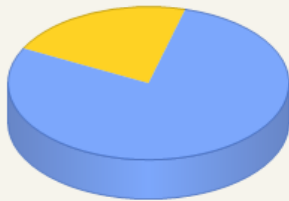
Extended Care

Medicine

Pediatrics

Rehab and Physical Medicine

Surgery



DoD VA

	Administration	Ancillary	Behavioral Health	Dental	Distinctive Programs	Extended Care	Medicine	Pediatrics	Rehab and Physical Medicine	Surgery
DoD	2,824	139,394	215,894	17,119	62,475		2,907,832	411,914	542,307	867,679
VA	18,098	726,162	609,562	39,407		35,317	799,152		107,506	206,681



Decomp Tree - Custom Drill Down



DODVA - DATA MART DEMO

Dashboard

General > Outpatient > **Inpatient**

Welcome Back

Outpatient - Tree View

ProClarity™ analytics

Navigation

View

View

How do I...

- [Export a grid to Excel?](#)
- [Display grand totals and subtotals?](#)
- [Open the Decomposition Tree?](#)
- [Display data in a chart?](#)
- [Flatten grid rows or column headers?](#)
- [More help...](#)

Grid only

Grid and Chart

Chart only

Bar chart

Bar chart (horizontal)

Line chart

Area chart

Point chart

Measure: Amount

Hide Pareto

(All)

Rpt Year

MTF

Category

Cpt Description

All MTF
787,329,911

Current
406,647,193

Last 12 M
380,682,718

Top 12
303,346,045

HILL
19,253,107

MAXWEL
16,236,592

KIRTLAN
14,541,891

LANGLE
14,032,003

LOS ANG
13,110,323

FAIRCHIL
13,094,294

MCCONN
13,032,938

EMERGEN
2,394,936

PSYCHIA
849,617 6%

DIAGNOS
695,233 5%

PROCEDU
671,068 5%

PHYSICA
617,994 4%

TEMPOR
524,884 4%

SPECIAL
515,163 4%

Bottom 12
7,763,108

90806 - P
451,83853%

90847 - F
174,36721%

90801 - P
99,649 12%

90862 - M
80,189 9%

90846 - F
9,490 1%

90808 - P
7,903 1%

90807 - P
6,733 1%

Bottom 12
19,446 2%



CPT View from Decomp Tree



DODVA - DATA MART DEMO

Dashboard

General ▶ Outpatient ▶ Inpatient ▶

Welcome Back

Outpatient - Tree View

NavigationData LayoutViewSort ▼Filter ▼

ProClarity™ analytics server

View

How do I...

- [Export a grid to Excel?](#)
- [Display grand totals and subtotals?](#)
- [Open the Decomposition Tree?](#)
- [Display data in a chart?](#)
- [Flatten grid row or column headers?](#)
- [More help...](#)

Grid only

Grid and Chart

Chart only

Bar chart

Bar chart (horizontal)

Line chart

Area chart

	Amount
90806 - PSYTX, OFF, 45-50 MIN	451,838.20
90847 - FAMILY PSYTX W/PATIENT	174,367.41
90801 - PSY DX INTERVIEW	99,649.18
90862 - MEDICATION MANAGEMENT	80,189.33
90846 - FAMILY PSYTX W/O PATIENT	9,490.30
90808 - PSYTX, OFFICE, 75-80 MIN	7,903.35
90807 - PSYTX, OFF, 45-50 MIN W/E&M	6,732.67
90805 - PSYTX, OFF, 20-30 MIN W/E&M	5,410.69
90819 - PSYTX, HOSP, 45-50 MIN W/E&M	5,324.22
90804 - PSYTX, OFFICE, 20-30 MIN	3,845.87
90853 - GROUP PSYCHOTHERAPY	2,280.86
90817 - PSYTX, HOSP, 20-30 MIN W/E&M	1,064.03
90870 - ELECTROCONVULSIVE THERAPY	668.19
90816 - PSYTX, HOSP, 20-30 MIN	402.43
90889 - PREPARATION OF REPORT	120.00
90849 - MULTIPLE FAMILY GROUP PSYTX	95.60
90810 - INTAC PSYTX, OFF, 20-30 MIN	86.79
90802 - INTAC PSY DX INTERVIEW	75.00
90818 - PSYTX, HOSP, 45-50 MIN	72.48



AF Push Report



Air Force - Veteran's Health Administration 0120 - LANGLEY AFB Market Area Opportunity Identification Report - March 2007



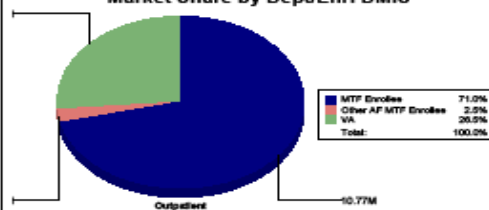
Opportunity Identification

Expanding resource sharing opportunities is the goal for both the DoD and the VA. One way to approach opportunity identification is to look at market share. If there is a relatively close split for a common service, with high cost associated, it may be a candidate for joint services purchase with a common vendor, a DoD/VA internal-external resource share, or a new service initiation between the two federal departments. Included in the analysis is care rendered in the 40/20 mile area surrounding the Air Force facility, which can be expanded/reallocated to create a federal market area.

AF/VA Private Sector Expenditures and Market Share

The pie chart shows the total expenditures for the previous 12 months. Private Sector Care claims lag approximately 3 months and mature over time.

Market Share by Dept/Enrl DMIS



	Unique Patients	Total Expenditure	PMPY /PUPY
Inpatient			
MTF Enrollee	596	2,935,105	4,925
Other AF MTF Enr	5,861	32,303,182	5,512
Outpatient			
MTF Enrollee	11,168	10,767,032	954
Other AF MTF Enr	687	376,717	548
VA	1,719	4,022,891	2,340

Market Share is tracked as the percentage each department contributes the risk pool. Market Share = Air Force Expenditures + VA Expenditures. The table above shows the cost per unique patient seen in the Private Sector. These reflect expenditures across all product lines.

	AF	VA	Total
SENTARA - 541547408	2,257,074.25 20.25%	145,630.05 3.62%	2,402,704.30 15.84%
MARY IMMACULATE HOSPITAL INC - 540548200	618,048.38 5.55%	39,450.26 0.98%	657,498.64 4.34%
RIVERSIDE - 521245746	495,054.95 4.44%	117,397.56 2.92%	612,452.51 4.04%
VIRGINIA ONCOLOGY ASSOCIATES PC -	441,060.60 3.95%	2,573.08 0.06%	443,633.68 2.93%
DAVITA INC - 232536597	33,418.99 0.30%	352,660.90 8.77%	386,079.89 2.55%
SLEEP DISORDER CENTERS HR - 541968877	367,719.98 3.30%	0.00 0.00%	367,719.98 2.42%
CHILD HSP OF THE KING DAUGHTER HEALTH SYS -	300,019.46 2.69%	0.00 0.00%	300,019.46 1.98%
MIDDLEBORO SKILLED CARE - 020576752	0.00 0.00%	272,250.00 6.77%	272,250.00 1.80%
PEDIATRIC SERVICES OF AMERICA INC - 581584852	242,117.77 2.17%	0.00 0.00%	242,117.77 1.60%
PENINSULA EMERGENCY PHYS - 541099223	212,858.29 1.91%	5,927.94 0.15%	218,786.23 1.44%
Others	6,176,376.16 55.42%	3,087,001.37 76.74%	9,263,377.53 61.08%
Total	11,143,749 100.00%	4,022,891 100.00%	15,166,640 100.00%

The Vendor Name is based on the provider tax ID which can represent a collection of hospitals, medical groups, clinics, service organizations, and individual physicians.

How to Interpret this Information

Information contained in this report is organized by section. Section 1, provides an understanding of the concept of joint opportunity identification, the geographic representation of the area and costs. Section 2, breaks down each product line, it's expenditure contribution and whether it is inpatient or outpatient care. Section 3 identifies top expenditures by vendor. Future Sections will include an over time trend of expenditures.



Section 1 is an Executive Summary of both "Market Share" and "Expenditures." The chart shows the market share of both the Air Force and VA in terms of total expenditure in this market area.



Sections 2 and 3 of this report provide information about what kind of care was purchased, who rendered the care, what are the major procedures purchased over a 12-month rolling period, where they are located relative to the market area. The ability to look for leveraged buy or service consideration within both the DoD and among other federal government providers and purchasers (i.e. VA, Indian Health Service, etc.)



Known Uses of Data Mart

- **Joint planning site visits**
 - Data Mart used extensively to pull all VA workload and demographics from consistent central database
 - Albuquerque, Elmendorf, El Paso, Key West, Las Vegas, North Chicago, Travis
- **Travis/VA Northern CA**
 - Recently developed joint dialysis program
 - Used cube to demonstrate reduction in costs and compliance with use of joint program
- **Langley/Hampton VA**
 - Routinely use tools to identify sharing opportunities
 - Radiology & Pathology
- **Others**





On-Going Work

- **Continue work on Staffing Data and Tools**
- **Continued training on tools**
 - 19 Cachments already trained on purchased care cube
- **Additional surveys on usability and value**
- **Additional clean-up & refinement of Product Line mappings**
- **Additional common vendor work**
- **Additional review of Zip Code to Cachment**





Questions?

